

Stanford



Lamia Wahba

Basic Life Research Scientist, Pathology Sponsored Projects

SUPERVISORS

- Andrew Fire

Bio

HONORS AND AWARDS

- Postdoctoral Fellow, Helen Hay Whitney Foundation (2015-2018)
- Predoctoral Fellow, NSF NanoBio IGERT (2007-2010)
- Beckman Scholar, Beckman Scholars Program (2005-2006)

EDUCATION AND CERTIFICATIONS

- PhD, Johns Hopkins University (2013)
- B.S, College of William and Mary (2006)

PATENTS

- Lamia Wahba, Douglas Koshland. "United States Patent 9,982,277 Methods and Compositions for Target DNA Modification", May 29, 2018

Teaching

COURSES

2021-22

- Applied Grant-Writing Skills for Fellowships: BIOS 263 (Spr)

2018-19

- Applied Grant-Writing Skills for Fellowships: BIOS 263 (Spr)

Publications

PUBLICATIONS

- **An essential role for the piRNA pathway in regulating the ribosomal RNA pool in *C.elegans*.** *Developmental cell*
Wahba, L., Hansen, L., Fire, A. Z.
2021
- **PLP-1 is essential for germ cell development and germline gene silencing in *C. elegans*.** *Development (Cambridge, England)*
Vishnupriya, R., Thomas, L., Wahba, L., Fire, A., Subramaniam, K.
2020

- **An Extensive Meta-Metagenomic Search Identifies SARS-CoV-2-Homologous Sequences in Pangolin Lung Viromes.** *mSphere*
Wahba, L., Jain, N., Fire, A. Z., Shoura, M. J., Artiles, K. L., McCoy, M. J., Jeong, D.
2020; 5 (3)
- **Recompleting the *Caenorhabditis elegans* genome.** *Genome research*
Yoshimura, J. n., Ichikawa, K. n., Shoura, M. J., Artiles, K. L., Gabdank, I. n., Wahba, L. n., Smith, C. L., Edgley, M. L., Rougvie, A. E., Fire, A. Z., Morishita, S. n., Schwarz, E. M.
2019
- **S1-DRIP-seq identifies high expression and polyA tracts as major contributors to R-loop formation** *GENES & DEVELOPMENT*
Wahba, L., Costantino, L., Tan, F. J., Zimmer, A., Koshland, D.
2016; 30 (11): 1327-1338
- **The homologous recombination machinery modulates the formation of RNA-DNA hybrids and associated chromosome instability** *ELIFE*
Wahba, L., Gore, S. K., Koshland, D.
2013; 2: e00505
- **RNase H and Multiple RNA Biogenesis Factors Cooperate to Prevent RNA:DNA Hybrids from Generating Genome Instability** *MOLECULAR CELL*
Wahba, L., Amon, J. D., Koshland, D., Vuica-Ross, M.
2011; 44 (6): 978-988